



Clarence C. Lushbaugh Jr.

## Health Physics Group To Hear Of Accidents

### Idaho SL-1 Reactor Mishap Is Subject

The regular meeting of the East Tennessee Chapter of the Health Physics Society will be held tomorrow, Thursday, November 19. It is set for 7:45 p.m. at the Oak Ridge Institute of Nuclear Studies Medical Division Conference Room, East Vance Road, Oak Ridge.

Following a short business meeting Dr. C. C. Lushbaugh will speak on "A Pathologist's Interpretation of the Idaho SL-1 reactor and the Rhode Island Accidents."

Lushbaugh received his BS in anatomy from the University of Chicago, and his PhD in pathology and MD from the same school. He was experimental pathologist with the Biomedical Research Group of Los Alamos Scientific Laboratory prior to accepting the position of chief of Applied Biology, Medical Division, ORINS, in 1963.

He was responsible for determining the position of the men killed in the SL-1 reactor accident.

Continued on Page 4

## YOU—Y-12 Employees...

YOU have been cost conscious in the past,  
Achieving savings through innovations.  
Cost control systems could never work  
Without good employee relations.  
YOU, in reducing our costs and  
Improving job efficiency,  
Established a good name for Y-12  
Which is maintained with consistency.  
Let's not rest on past success  
Which has been recognized  
But intensify our cost control  
To further economize.  
We need **your** ideas of various ways  
For the Economy Program to function,  
Because **YOU** employees are the **KEY**  
To successful Cost Reduction!

—KATY KUTKOST

(Mail your suggestions and/or ideas to J. W. Strohecker, Building 9704-2.)

## Credit Union Announces New Hours For Holidays

Y-12's Credit Union is going to keep 'holiday hours' for the convenience of its members. The board of directors recently agreed to have the office stay open until 6:30 p.m. each Monday, beginning next Monday, November 23.

All other hours are regular from 9 a.m. until 5:15 p.m., with the exception of Monday. The new Monday hours will extend through December 21.

Members needing extra cash for the Christmas holidays, for household goods, appliances, may call in advance . . . extension 7204 . . . and the money will be waiting on you when you come by the Credit Union.

If there's a new 1965 automobile in members' plans, they are reminded that three-fourths of the retail price may be financed through the Credit Union at the low interest rate of three-quar-

ters of one per cent per month . . . up to 36 months.

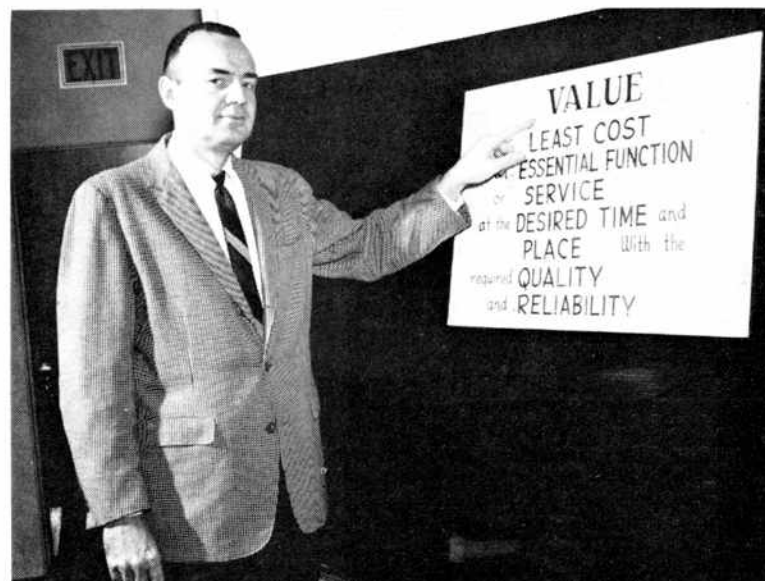
All loans are insured, of course, at no extra cost to the member.

The perhaps trite, time-worn statement is still true. When you do business with your Credit Union you are doing business with yourself. There are no outsiders. Y-12's Credit Union is owned by its members, and its members alone. There are no embarrassing questions, and all transactions are kept in strict confidence. Your financial affairs with the Credit Union is yours and their business . . . nobody else's.

Think about it.  
Remember, the Credit Union is yours . . . Use it!

### COZY LIVING

An apartment is a place where you start to turn off your TV and find you've been listening to the neighbors fight.



J. W. STROHECKER continues supervisory conferences in Y-12 for the month of November on the problems of cost and cost reduction.

## November Supervisory Conferences Concentrate On Cost-Reduction

November supervisory conferences hinge around cost control again this month . . . or more commonly . . . waste.

J. W. Strohecker, Cost Reduction and Value Engineering, is holding the informative meetings each Tuesday and Thursday.

Value is the LEAST COST for an ESSENTIAL FUNCTION or SERVICE at the DESIRED TIME and PLACE, and with the required QUALITY and RELIABILITY, according to Strohecker. (The emphasis is his.)

The approach to any problem should be as elemental as this:

What **IS** it?  
What does it **DO**?  
What does it **COST**?  
What **ELSE** will it do?  
What will that **COST**?

### Constant Concerns

Spiralling costs throughout every industry . . . costs of material, time, and effort are constant concerns. Y-12's position is not different from any other industry.

For instance, Y-12 uses almost a million envelopes a year. With everyone using an envelope twice, this figure can be cut in half. Cost-reduction is that simple.

A perfect mousetrap has been in existence a long time . . . yet man is still groping to build a better one. Quicker, more economical ways to do things are still being sought, and will be as long as man stays competitive.

### Suggestions Welcomed

Suggestions for cost-reduction are always welcomed by Y-12's management. Strohecker's office will be happy to have your suggestion.

Lloyd's Bank of England recently surveyed the fate of 100,000 paper clips.

- It showed that:
- 14,163 were twisted or broken during phone calls.
  - 17,200 were used as makeshift bra and suspender hooks.
  - 5,434 became toothpicks.
  - 5,308 were used as nail cleaners.
  - 3,196 became pipe cleaners.
  - 19,143 were pressed into service as chips in card games.
  - Thousands were dropped on the floor and swept away, and

only 20,000 were used to clip papers together.

Lloyds' were spoofing of course. But cost reduction can be made in simple items . . . like paper clips.

How many did you waste today?

Effective cost control is the problem of every employee. It is his responsibility to do the job as economically as possible without surrendering quality.

Cost control will be discussed in other supervisory conferences . . . and in varied media throughout the plant, including the Bulletin.

## Hanford Gets New Name January 1

The Atomic Energy Commission has announced that its research facilities at Richland, Washington, will be renamed the Pacific Northwest Laboratory.

This name will be effective when the Battelle Memorial Institute, Columbus, Ohio, takes over operation of the Laboratory about January 1, 1965.

## 'Theory' Is Subject Of Seminar This Week

T. K. Fowler will conduct this week's Thermonuclear Division seminar on "Theory."

It is set for Thursday, November 19, in the TD Conference Room, Building 9201-2.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
11 Days Or  
316,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through November 15  
Phone 7755  
For Daily Report  
On Accident-Free Hours



QUALITY CONTROL BADE farewell to J. W. Charles last week, as he transferred to the Carbon Products Division, Union Carbide Corporation, Lawrenceburg, Tennessee. Jim is seen with the luggage the group gave him on his departure.



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



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Industrial  
Editors' Association

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## Process Analysis Marks Hoose Death

The plant sadly marks the passing of Mr. Walter H. Hoose, Process Analysis. He had been in Y-12 since July 28, 1944.



W. H. Hoose

A graduate of Cornell University, Mr. Hoose was a native of Duane, New York. He is survived by his wife, Mrs. Ruth Bristol Hoose, RFD 3, Concord; sons Carroll, Chesapeake, Virginia; Donald, Sparta; and Eldon Hoose, Memphis; daughter, Mrs. Barbara H. Searles, Wilmington, Delaware, and several grandchildren. His mother, Mrs. Ethel Doty Hoose, Cortland, New York, also survives.

Mr. Hoose died Sunday, November 8. Memorial services were held at Ravenscroft, near Sparta, by the Friends Society, and burial followed in a family plot on his property. The rites were held Tuesday, at 1 p.m., November 10.

Sincere condolences are extended to the Hoose family by friends and co-workers in Y-12.



It was 20 years ago that Franklin D. Roosevelt was just elected for an unprecedented fourth term. A total of 10 Y-12ers celebrate anniversaries going back to those war-time years. Three more celebrate 10-year anniversaries.

### 20 YEARS

J. P. Wheeler, Chemical Services, November 19.

David R. Carter, Process Maintenance, November 20.

Lewis E. Selvidge, Process Maintenance, November 20.

Ovelia W. Goad, Uranium Chemistry, November 20.

Roy E. Hale, Timekeeping, November 21.

Henry S. Carey Jr., Assembly Operations, November 21.

Hillman N. Wright, General Machine Shop, November 22.

Ernest F. Sosby, Utilities Administration, November 23.

Wilma C. Rodgers, ORNL Chemical Services, November 24.

Eugene F. Dykes, Buildings, Grounds and Maintenance Shops, November 24.

### 10 YEARS

Albert C. Seals, Dimensional Inspection, November 18.

Earl A. Crucey, Tool Grinding, November 20.

Fred R. Hunt, Electrical Department, November 23.



This is the age of miracles. According to the new TV commercials, there's a vanishing cream deodorant. It seems you put it on and the odor remains, but you vanish and everyone wonders where the smell is coming from.

From around the plant, it's heard in

### TECHNICAL SERVICES



Kristi Leigh Williams

Fred D. Williams, General Shop Inspection, proudly shows off his little granddaughter, Kristi Leigh Williams, age five months. She is the daughter of Mr. and Mrs. Tommy Williams, Oak Ridge.

Condolences to Pearl Youngblood, Statistical Services, and W. C. Geldmeier, Tooling Coordination, in the death of their father, Mr. B. L. Geldmeier, on November 11, in Nachagdoches, Texas.

### FABRICATION

The H-2 Machine Shop reports the return home from the hospital of Buck Bloomer's wife. She was injured in a car accident a couple of weeks ago suffering a broken leg and other injuries, but it's happily reported she's getting along fine now.

J. L. Hicks took part of a vacation to do a little hunting at the Catoosa Hunting Range. Bobby Hansard is the proud father of another little girl. . . . three girls now for Bobby.

Guess John Neeley is happier this week since Tennessee did so well against Georgia Tech. . . . Richard Dew was happy too, he got to go down to see the game.



Fullback Couch

Machine Maintenance is chuckling over the mishaps in John Sewell's family. Little grand-son Andrew Couch was watching his papa in a football game from the side-lines. Dad ran out for a long pass. . . . and little Andy got up off the bench to break it up. Unfortunately, papa didn't see the intended play. The hospital report read: Bruises sustained playing football. It did not state that the victim had been tackled by his 14-months old son!

### ENGINEERING

Congratulations to the Ron Brewers who announced the arrival of Linda Kaye on November 5 at Baptist Hospital, Knoxville. Linda tipped in at six pounds, 10 ounces.

Ill at Oak Ridge Hospital has been Al Bitner. It's told that Al is lonesome and needs a call from friends to cheer him up. . . . Best wishes also to Dewey Young who is also ill.

A speedy recovery also to Betty Watkins.

A flying rumor never has any trouble making a landing.

### SHIFT SUPERINTENDENTS AND UTILITIES



Andrea Sue Gibbs

Up in Community Hospital, Indianapolis, Indiana, this little gal put in an appearance. She's Andrea Sue Gibbs, daughter of Mr. and Mrs. Andrew W. Gibbs. Proud grandfather is R. L. Johnson, Guard Department.

It's a sad thing to watch other people squander their money and know that you can't help them.

That's about it.

## Assembly Talks Up Flapper Party

'23 Skidoo. . . I love my wife, but oh, you kid,' is the word around Assembly as they are getting ready for their big Roarin' 20's party Friday, December 4, at Deane Hill Country Club, Knoxville.

They have planned dinner, dancing, and all the added attractions, including prizes for the best dressed male and female present. (Costumes will be of the flapper age, naturally.)

Tickets are \$5 a piece. . . or \$10 per couple, naturally. There are limited numbers available. . . . and sales will be sawed off when that magic number is reached. Do you have your tickets yet?

## Thanksgiving Day Is Holiday For Y-12ers

Next Thursday, November 26, is an official holiday for Y-12ers, as the nation observes Thanksgiving Day.

The holiday will move the Bulletin dead-line up one day. For the December 2 issue, copy should be in by Wednesday, November 25, at 4:30 p.m.

## Did You Vote November 3?

(Editor's Note: The election of 1964 brought out more American voters than any previous election. The percentage vote, however, was below the 1960 level, when a record turnout of the electorate vied in the closest presidential elections in history.)

The Oak Ridge League of Women Voters sponsored an essay contest among high school students on the 'get out the vote' theme. Winners, first and second, came up as Y-12 children. Their complete essays are reprinted below.

The first prize of \$5 went to John Terrell, son of John F. Terrell, Engineering Division; and the second place prize went to Barbara Blay, daughter of Allen J. Blay, H-2 and F Area Shops.

Young Terrell will be presented a certificate at the High School Recognition Day program in May. Barbara received a certificate of merit for her essay.)



John Terrell

"Vote, and the choice is yours. Don't vote, and the choice is theirs." This well-known television slogan has real truth to it.

Having the right to vote for our candidates is not only a privilege, but a duty and a responsibility.

The only way that we can elect the man of our choice is to vote for him. Contrary to what some near-sighted people might think, one little vote can play a big part. In the 1960 Presidential Election, 40,000,000 people of voting age didn't vote. If only three-tenths of one per cent of those people would have gone to the polls to vote for Richard Nixon, the popular vote would have switched to him. If they had done so, the choice would have been their own. Since they didn't the winning choice was made by the Democrats.

Another example of how important one vote can be was shown a few years ago. A neighbor of mine was running for justice of the peace and lost by two votes. If just two couples, who had decided to play bridge instead of "wasting" their time at the polls, had gone to vote for him, he would have won.

You have just read of two examples of how you and others like you who possess something in common, one vote, could have elected the man of your choice by constructively spending a few minutes of your time by voting for him.

We should vote because it is our responsibility as American citizens to do so. With everybody voting, the winning candidates will have the support of the majority of all the voters instead of a few.

Our type of government, a democracy, can't function without our voting.

Please vote!

### TENNESSEE TAXES

The Tennessee Game and Fish Commission is financed through the purchase of hunting and fishing licenses, and receives no revenue through regular taxation. Tennessee's commission is considered one of the best in the nation.



Barbara Blay

The right to vote is one of the great privileges and responsibilities of any American citizen. The success and justice of our democratic way of life depends on the conscientious and interested voter.

Our country was founded on the principle that the thoughts and desires of the majority should rule the nation. If a democracy is to function efficiently each member of that democracy must take an active interest in laws and candidates for office. He must carefully study all aspects of issues and of candidates. He must make a decision as to which candidate represents his feelings and beliefs. Finally, he must go to the polls and vote, thereby making his wishes known. A man's vote helps determine how and whom shall govern not only his life but the lives of all Americans.

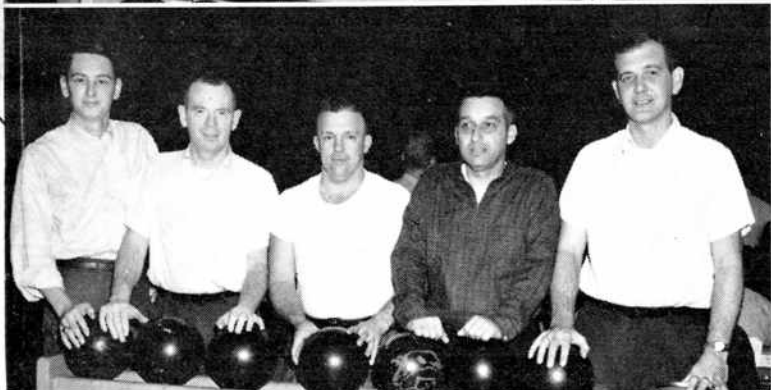
If our government is to be truly a government "of the people, by the people, and for the people," all the people must accept the responsibility of voting. When we fail to vote the government becomes less a government of the majority and more a government of the few. History plainly shows that when people begin to shirk their duty of voting and otherwise participating in their government, then their privileges and rights are slowly taken away from them by others who do take an active part in the government. This is usually the way dictators come into power and quite often the people do not realize that they have lost until it is too late to do anything about the situation.

A citizen's vote is his only means of making his convictions known and felt. There is a current slogan which sums up very well my feelings as to why we should vote, as follows: "Vote, and the choice is yours; don't vote, and the choice is theirs." This year, be sure to make your choice known by voting on November third.

### THOUGHT DEFINITION

Thinking is what a great many people think they're doing when they're just re-arranging their prejudices.





**FIRECRACKERS IN THE C Bowling League** are the above teams. At the top are the Rounders, J. C. Bryan, C. R. Lively, Arnold Tiller, Otis Rackley and J. E. Morgan. In the lower photo are the Parbusters, Joe Beever, R. G. Marlar, Harry Keen, Tom Ebert and Spence Wallace.

## Sunflowers Perform In Big Style In C League Bowling Activities

The Sunflowers took over the helm of the C League in grand fashion last week. They lambasted their way to the top by downing the Parbusters for the full count. The Badgers also moved

up by taking the Hookers for the same score. The other sweep went to the Rounders over the Rodders. Three point wins went to the Hi Lifers past the Strikers and the Shud-A-Beens over the Big Five. The Lucky Strikes-Five Roses tilt ended in a draw.

Paul Braden, Sunflowers, rolled high for his team taking a single scratch game of 223. H. A. Lay, Shud-A-Beens, took the high single handicap game of the night rolling 257. Bill Cofer, Five Roses, took series highs, tallying scores of 572 scratch and 683 handicap. The Sunflowers had high single scratch games of 918 . . . and series highs of 2701 scratch, 2980 handicap. The Shud-A-Beens took handicap singles with 1055.

League standings follow:

Team	W	L
Teds	15	9
Outcasts	15	9
Spec Five	14	10
Beginners	12	12
Seven Sixties	12	12
Rollmasters	10	14
Beavers	9	15
Hi Balls	9	15

## ORSA Plans Turkey Shoots For Holidays

Y-12 members of the Oak Ridge Sportsmen's Association are talking up the turkey shoots set out thataway for the holidays. There are scheduled shoots for tonight, November 18, another one on the 25, and also December 2, 9, 16. They start at 7 p.m. sharp.

So you sharpshooters bring the old shot guns on out . . . you may win a big fat tom for the holiday boards!

## BACKGROUND SCROOGES

Misers may not be fun to live with, but they make wonderful ancestors!



**TENNIS CHAMPS** . . . Sam Campbell and Bill Akers received their trophies for the season just ended. Campbell took the league's first half, Akers the second. Campbell then took Akers in the play-off to the scores of 6-0, 6-2. Thus, Campbell won the first place trophy and Akers the second.

## Goofers, Chumps Vie For Mixed Bowling

The neck-and-neck race between the Goofers and Chumps continues in the Mixed League for Y-12 bowlers. Both teams shared two points last week . . . the Goofers with the Twisters, and the Chumps with the Bingos. The Turtles took the Blue Angels for the full count . . . and the Alley Cats bruised the Alley Oops for three.

Grace Snyder, subbing for the Twisters, took high single scratch game of 162 on the female side. Mabel Tyer and Delores Dyer, subbing on the Bingos and Turtles respectively, took high handicap game of the night with a 205 each. Betty Jeffers, also subbing on the Blue Angels, had high series in scratch count with 430. Mabel Tyer returned to the boards with a 568 handicap series. Male-wise it was Bill Stephens, Goofers, all the way. His singles were 242 scratch, 265 handicap . . . and his series were 570 scratch, 639 handicap.

The Goofers had high singles . . . 641 scratch, 797, handicap . . . and their scratch series of 1781 was high also. The Turtles took high handicap series, bowling a 2226.

League standings follow:

Team	W	L
Goofers	24	12
Chumps	23 1/2	12 1/2
Alley Cats	20	16
Twisters	19	17
Alley Oops	16	20
Turtles	16	20
Blue Angels	15 1/2	20 1/2
Bingos	10	26

## 8-Balls Edge Up In Classic Alleys

The Eightballs shortened the distance between themselves and the league-leaders in the Classic Bowling League last week. They took the Bumpers for the full count. The only other sweep went to the Swingsters over the Smelters.

Three point wins went to the Splinters over the Tigers, the Rippers over the Screwballs, the Playboys over the Has Beens, the Wasps over the All Stars, the Wolves over the Markers and the Cubs over the Rebels.

Dave Allison, Wolves, took high singles, rolling a 228 scratch, 270 handicap game. Don Troutman, Markers, had high series of the week, with a 627 scratch, 690 handicap total.

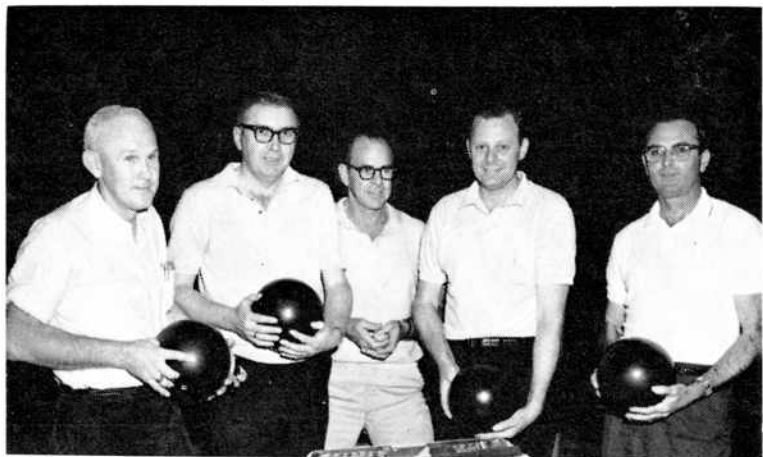
The Splinters took high single scratch honors with 943 . . . and the Wolves took single handicap highs with 1089. In series highs it was the Wolves with 2610 scratch and 3120 handicap.

League standings follow:

Team	W	L
Has Beens	33	11
Eightballs	28	16
Splinters	25	19
Rippers	25	19
Swingsters	24	20
All Stars	23	21
Tigers	23	21
Screwballs	23	21
Bumpers	21	23
Playboys	21	23
Markers	20	24
Wasps	19 1/2	24 1/2
Wolves	19	25
Rebels	16 1/2	27 1/2
Cubs	11	33

## 'Store Credit' Is Costly To Consumer

Watch out for the easy trap in department store credit. You pay more for everything . . . Most 'store credit' charges are 50 per cent to 100 per cent higher than Y-12's Credit Union rate. At your credit union you pay only one per cent monthly on your unpaid balance. That's only one dollar per \$100 per month, with no extra charges. Compare this rate to anybody's 'store credit.'



**BUSH LEAGUE TEAMS** . . . the Teds and Rollmasters are seen in recent alley action. In the top photo are the Teds, standing in first place, are from left Paul Febbo, Jerry Allstun, Spence Ferguson, Don Stinnett and Jerry Roberts. In the lower picture are the Rollmasters, in sixth place, Mike Mount, Jack Gamble, Charlie Myers, Jim Cole and Frank Winstead.

## Outcasts And Teds Tied For Bush Bowling League Lead In Close Race

The Outcasts moved up to tie the Teds for top standings in the Bush League for Y-12 bowlers last week. They downed the Hi Balls for the full count. So did the Spec Five over the Rollmasters and the Beginners over the Beavers. The Seven Sixties downed the top-ranked Teds for three points.

H Don Quillin, Outcasts, showed folks a thing or two on the alleys . . . rolling a 234 scratch, 272 handicap game . . . and series of 580 scratch, 694 handicap!

The Beginners took singles hon-

ors, rolling 802 scratch, 1016 handicap . . . and handicap series of 2913. The Beavers blocked the take-over by rolling high series in scratch count, taking a 2281.

League standings follow:

Team	W	L
Sunflowers	27	9
Badgers	25 1/2	10 1/2
Hookers	24	12
Rounders	21	15
Five Roses	20	16
Parbusters	18	18
Big Five	17	19
Lucky Strikes	14	22
Hi Lifers	13	23
Shud-A-Beens	13	23
Rodders	12	24
Strikers	11 1/2	24 1/2

## 10 Pins Grab E League Loop Top

The Ten Pins surged forward in the E League for Y-12 bowlers last week by clipping the Hot Shots for the full count. The Pintwisters past the Alley Bees (who lost their sting) for three points and the Cannon Balls blazed by the Four Squares for three.

R. L. Bedwell, Ten Pins, rolled a 194 scratch, 234 handicap single game and series of 538 scratch, 658 handicap for honors on the individual boards. His Ten Pins also took all highs . . . singles of 678, 825 and series of 1943, 2384.

League standings follow:

Team	W	L
Ten Pins	26	18
Pintwisters	25	19
Four Squares	23 1/2	20 1/2
Alley Bees	23	21
Hot Shots	19	25
Cannon Balls	15 1/2	8 1/2

## Gyms Available For Practice Sessions

Basketball and volleyball captains and co-captains may want to get in a practice lick or two this week.

Gyms may be arranged through the Recreation Office, extension 7109. The season begins right away . . . and many a creaking joint needs a workout. Just give Recreation a buzz on 7109.

Sweater girl: Wool-flower.

## Recreation



calendar

All Week

Basketball, volleyball practice sessions. Arrange times and gyms with Recreation.

**Monday, November 23**  
BOWLING: C League, 5:45 p.m., Bush League, 8 p.m. (Ark Lanes).  
TABLE TENNIS: 7 p.m. Wild Cat's Den, Oak Ridge.

**Tuesday, November 24**  
PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gym.

**Wednesday, November 25**  
BOWLING: E League, 10 a.m. (Ark Lanes).

**Thursday, November 26**  
THANKSGIVING HOLIDAY FOR Y-12ers.

**Friday, November 27**  
FABRICATION DIVISION DANCE, 9 p.m. Alexander Motor Inn, Oak Ridge . . . breakfast, 1 a.m.



"Ever worked this high up before?"



**UNION CARBIDE  
CORPORATION**

Post Office Box Y  
Oak Ridge, Tennessee—37831

RETURN POSTAGE GUARANTEED



BULK RATE  
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Oak Ridge, Tenn.  
Permit No. 71



**SO HAROLD** (Harold's my stupid husband) forgot to buy tickets to the Fabrication Dance Friday, November 27 . . . and Mother said Harold could never remember anything! Harold said tickets went fast, and he just forgot . . . Mother said that's a likely story . . . and I said . . .

## Fabrication Sets Party November 27

The Fabrication Division comes 'front and center' with party arrangements . . . early, early, early.

Their shin-dig is planned for next Friday, November 27, and will begin at 9 p.m. at the Alexander Motor Inn, Oak Ridge. There'll be dancing from 9 until 1 a.m. and a breakfast after the dance. The cost is \$7.50 per couple, which includes breakfast and table knick-knacks.

Due to the limited capacity of the ballroom only a limited number of tickets are being sold.

Music will be provided by the Martiniques, and there's door prizes and all the trimmings.

Tickets are available from Harold Alvey, telephone extension 7-8906; Chuck Bolyard, 7-8701, Jim Gilliam, 7312, A. E. Perry, 7-8451, W. F. Thomas, 7296, and Frank McDonald 7-8068.

That's Friday, November 27, at the Alexander, Oak Ridge. See you Fabricators there!

## Health Physics

Continued from Page 1  
dent, thus helping to establish a possible cause of the accident. He also helped in assessing the biological damage suffered by the man fatally injured in the Rhode Island criticality accident of this year. He will discuss both accidents and compare them with the earlier Los Alamos accidents.

The meeting and program are both open to the public and anyone interested in the field or subject is invited to attend.



**One or two riders from Avondale Road, or Arlington Section, via Clinton Pike, to North Portal, straight day.** G. A. Kirk, plant phone 7500, home phone Knoxville 522-7573.

**Ride wanted from 156 Hamilton Circle, Oak Ridge, to Central or North Portal, straight day.** Mary Guy, plant phone 7-8261, home phone Oak Ridge 483-3039.

**Car pool members wanted from 115 Arizona Road, Oak Ridge, to North Portal, straight day.** A. Edwards, plant phone 7549, home phone Oak Ridge 483-4436.

**Ride wanted or will join car pool from Inskip, or Fountain City area, to Bear Creek Portal, G Shift.** Homer Day, plant phone 7246, home phone Knoxville 689-4934.

**Two car pool members wanted from vicinity of Island Home, Chapman Highway section, to any portal, straight day.** W. H. Sherrod, plant phone 7627, home phone Knoxville 577-0295.

**One rider wanted from Cumberland Estates, Karns area, to Central Portal, straight day.** Jim George, plant phone 7-8896, home phone Knoxville 588-6474.

Barbershop quartet: Vocal-  
amity.

**Met Prep**

**Christmas Frolic!**

**December 12, 1964**

## W. E. Colvard Rites In Virginia

Funeral services for Mr. William E. Colvard were held Wednesday, November 11, at 2 p.m. in the Oak Grove Baptist Church, Big Stone Gap, Virginia. The Reverend Paul Henry Miller officiated.

Mr. Colvard, formerly in Y-12's Cafeteria, died Sunday, November 8. He had been in Y-12 about 18 months after transferring from K-25 for more than 18 years.

He is survived by his wife, Mrs. Kathleen Colvard, 112 W. Holston Lane, Oak Ridge; daughters, Mrs. Aileen Tolly, Savannah, Georgia; Mrs. Dorothy Flanary, Big Stone Gap, Virginia; Mrs. Patricia Ann Baucum, Oak Ridge, and Martha Jane Colvard, at home. One son, Bill Colvard, Philadelphia, also survives; along with brothers Gilmer and Robert Colvert, Big Stone Gap. Eight grandchildren also survive Mr. Colvard.

Burial followed the rites in Big Stone Gap at the Glen Cove Cemetery.

Sincere sympathy is extended the Colvard family.

## AEC Patrol Office To Leave 'Hill'

The Atomic Energy Commission Patrol, overlooking Y-12, is being moved to the AEC Administration Building. A part of the Security Division of Oak Ridge Operations, the Patrol has occupied the Y-12 building since 1949.

The move, which involves about 60 members of the AEC Patrol, will be made around December 1, and is expected to save about \$15,000 yearly primarily through reduced building maintenance costs and more efficient utilization of personnel.

The move will involve relocation of the communications center, additional fencing for an existing parking area for security vehicles, and three additional one-way gates for the existing security fence around the AEC Administration Building.

The AEC Patrol building was constructed during World War II and was used by Y-12 guard force prior to its use by the AEC. The local commission office has not determined the future use of the building as yet.

Misplaced confidence is never found again.

## Maintenance Concentrates Meeting For November On Material Handling

Material handling has always been a problem of mankind. Even in the dark ages, pieces of driftwood or saplings were the only tools available for moving heavy objects. Yet even then, safety hazards were present while this simplest of equipment was being used.

As civilization progressed, man developed new ways to gain mechanical advantages. From the crude wedge, through the level, the runner, the wheel, and water-power, to the intricate equipment used today, mechanical means have been developing to replace human muscles in moving materials easily and safely.

The Maintenance Division concentrates all during November on the problems of material handling in their widely scattered safety meetings.

First there is manual handling. The incidence and far-reaching effects of back injuries have long been a concern in Y-12. We are all more or less familiar with the accepted, approved method of lifting. Many will still attempt to lift objects that are too heavy or bulky.

### Many Methods

There is also myriad methods of mechanized handling of material . . . conveyors, chain falls, cranes, hoists, and elevators.

Fork lift trucks are rugged and reliable, and are probably used to move more equipment in Y-12 than any other mechanized handling equipment. Special care must be exercised in their use. In the hands of a skilled, responsible, and safety-minded operator, they are a boon to our plant . . . in the hands of an untrained, reckless, and careless operator, they can easily become an instrument of death.

There also are many other labor-saving devices such as dollies, carts, wagons . . . all of which make the work easier. Special attention must be given to their use also.

### Elevator Incident

The following incident was pointed out in Maintenance's safety program.

"An elevator was reported stuck between floors. Investigation revealed that the elevator was four inches below the second floor landing, loaded with a fork truck weighing 5,270 pounds. On the outside of this elevator doorway was a large sign stating, 'Capacity 3,500 pounds.' In addition, the inspection tag near the controls concurred with the exterior sign. The weight, 5,270 pounds, was stenciled on the sides of the fork lift. The lift was driven on the elevator in the forward direction; however, to do this both forks were removed from the lift."

## Consumer Products Names Officials

Union Carbide Corporation, Consumer Products Division, announces the appointments of three officers in an announcement by Arthur C. Bryan, division president.

James F. Warnell has been made executive vice-president. He is an alumnus of Emory University, and has been with Union Carbide since 1933.

Dwight N. Wait has been named vice president—marketing. He is a graduate of Purdue, and joined Union Carbide in 1937.

Harold F. Doolittle, who came with Union Carbide in 1928, has been named vice president—production. He received a BS degree in mechanical engineering from Yale University.

## Nitrogen, The Stuff That Does Nothing!

Appearing in the October issue of "Reader's Digest" was an article "Nitrogen — The Marvelous Stuff That Does Nothing." Dr. Alfred L. Bayes, Union Carbide's Linde Division, who was consulted for the article, is quoted as saying "Now we are wondering what it **won't** do." The article traces the industrial growth of nitrogen, from an "unwanted ugly duckling" to a glamorous money-maker." Applications covered in the article include many which are the result of Linde's research and development such as liquid-nitrogen refrigerated trucks, and cryosurgery equipment.

Apparently, when the button was pressed, the overload switch kicked out and the elevator became inoperable."

These examples, along with others, were graphically displayed in the safety program.

It was repeatedly pointed out that a little extra care is needed in moving any object . . . whether it be by manual means or with the aid of mechanized equipment. Caution and thought must be companions always with material handling . . . be it by any method.

Women read more than men.

6-12329



**SAM BISHOP HOLDS** a recent Safety Meeting for the Maintenance Division which deals with Equipment Handling. Two recent lost-time accidents were the result of material handling, and the Maintenance Division (Research Services Department) here gets graphic instructions on the proper way to move material.